



BRUHAT BANGALORE MAHANAGARA PALIKE

YELAHANKA ZONE

BYATARAYANAPURA DIVISION

BYATARAYANAPURA SUB DIVISION

**Name of the Work : Modified Estimate for Repair and
maintenance of Roads and Drains in ward
no. 06, Byatarayanapura Sub Division**

**Modified : 2230392.00
Estimated Cost**

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Estimate Cost: 2230392.00

Description	Unit	No.	L	B	D	Qty	Rate	Amount
KSRRB 300-1. Earthwork excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5 m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications. MORTH / Chapter 3 Page No. 143 / Item No. 19.1, PWD SR 2018-19	Cum							
Desilting of Drains								
Saraipalya		1	30.00	0.60	0.60	10.80		
		1	34.00	0.60	0.60	12.24		
		1	26.00	0.60	0.60	9.36		
		1	27.00	0.60	0.60	9.72		
		1	26.00	0.60	0.60	9.36		
		1	26.00	0.60	0.60	9.36		
		1	26.00	0.60	0.60	9.36		
		1	26.00	0.60	0.60	9.36		
		1	26.00	0.60	0.60	9.36		
		1	26.00	0.60	0.60	9.36		
Removal of Over Burden Earth								
		2	100.00	1.05	0.25	52.50		
		2	120.00	0.90	0.20	43.20		
		2	50.00	1.00	0.20	20.00		
Culverts								
		9	6.00	1.50	1.00	81.00		
		1	7.00	1.50	1.00	10.50		
For RCC Drain								
		1	130.00	1.10	1.00	143.00		
						448.48	170.70	76556.00
2 KSRRB M2100-10. Providing and laying Plain cement concrete of mix 1:3:6 with with OPC cement @ 220kgs, with crushed 40mm and down size graded granite metal coarse aggregates @0.84cum and fine aggregates @ 0.56cum, in foundation mechanically mixed, placed in foundation and compacted by vibration including curing for 14 days complete as per specifications MORTH Specification No. 2100 Item No. 27.18 Page No. 222, PWD SR 2018-19	Cum							
Bed Concrete								
Culverts								
		9	6.00	1.50	0.15	12.15		
		1	7.00	1.50	0.15	1.58		
For RCC Drain								
		1	130.00	1.10	0.15	21.45		
						35.18	4800.00	168840.00

Description	Unit	No.	L	B	D	Qty	Rate	Amount
8.1.1 M.T steel reinforcement for R.C.C including straightening, cutting, bending, placing in position, lapping and / or welding as required, tying with binding wire and joining to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. TMT bars Fe 500 Page No. 229 / Item No. 28.8.2, PWD SR 2018-19	Tonne							
For RCC Drain @ 70 Kg / Cum		0.07	43.88			3.07		
For Culverts @ 80 Kg / Cum		0.08	34.77			2.78		
						5.85	68000.00	397994.00
4 Providing laying plain / reinforced cement concrete for side drains using M 20 nominal mix concrete with OPC at 300 kgs with 20 mm and down size granite metal course aggregates at 0.69 cum and fine aggregates at 0.43 cum machine mixed well compacted for walls and bottom including centring shuttering form work etc. complete as per approved drawing and design MORTH Specification No. 1500,1700,2200 Wall & Bottom thickness 15cm Page No. 271, Item No. 37.59.2, PWD SR 2018-19	Cum							
Raising of Drain								
Vent Concrete								
Saraipalya		1	30.00	0.60	0.10	1.80		
		1	34.00	0.60	0.10	2.04		
		1	26.00	0.60	0.10	1.56		
		1	27.00	0.60	0.10	1.62		
		1	26.00	0.60	0.10	1.56		
		1	26.00	0.60	0.10	1.56		
		1	26.00	0.60	0.10	1.56		
		1	26.00	0.60	0.10	1.56		
		1	26.00	0.60	0.10	1.56		
		1	26.00	0.60	0.10	1.56		
		1	26.00	0.60	0.10	1.56		
Side Wall Raising								
Saraipalya		2	30.00	0.15	0.20	1.80		
		2	34.00	0.15	0.20	2.04		
		2	26.00	0.15	0.20	1.56		
		2	27.00	0.15	0.20	1.62		
		2	26.00	0.15	0.20	1.56		
		2	26.00	0.15	0.20	1.56		
		2	26.00	0.15	0.20	1.56		
		2	26.00	0.15	0.20	1.56		
		2	26.00	0.15	0.20	1.56		
		2	26.00	0.15	0.20	1.56		
Culverts								
		9	6.00	1.35	0.20	14.58		
		1	7.00	1.35	0.20	1.89		
Side Wall								
		9x2	6.00	0.25	0.60	16.20		
		1x2	7.00	0.25	0.60	2.10		
For RCC Drain								
		1	130.00	1.05	0.15	20.48		

Description	Unit	No.	L	B	D	Qty	Rate	Amount
Side Wall								
		2	130.00	0.15	0.60	23.40		
						111.41	6300.00	701852.00
Providing precast slab of 100mm thick including cost of all materials, labour, curing, transportation, loading unloading, etc., complete as per the direction of engineer in charge - (Data rate Approved).	Sqm							
Replacing Damaged Covering Slabs		1	20.00	0.90		18.00		
		1	25.00	0.90		22.50		
		1	20.00	0.90		18.00		
		1	15.00	0.90		13.50		
		1	20.00	0.90		18.00		
		1	20.00	0.90		18.00		
		1	25.00	0.90		22.50		
		1	15.00	0.90		13.50		
		1	20.00	0.90		18.00		
		1	15.00	0.90		13.50		
New Drain Covering Slab		1	130.00	0.90		117.00		
						292.50	1900.00	555750.00
6 Providing precast slab of 230mm thick including cost of all materials, labour, curing, transportation, loading unloading, etc., complete as per the direction of engineer in charge - (Data rate Approved).	Sqm							
Culverts Deck Slab		9	6.00	1.20		64.80		
		1	7.00	1.20		8.40		
						73.20	4500.00	329400.00
Total								2230392.00
Rupees Twenty Two Lakh(s) Thirty Thousand Three Hundred Ninety Two Only								

CERTIFICATE:

- 1 The work spot has been inspected and the work is found necessary.
- 2 This estimate is prepared as per PWD SR of 2018-19 +/- Tender Premium.
- 3 The provisions were made in this estimate are necessary and adequate.
- 4 This works come under B.B.M.P. limits.

Assistant Engineer
Ward No. 06

22.00.21 22/06/2022

Assistant Executive Engineer
Bruhat Bangalore Mahanagara Palike
Byatarayanapura Sub-Division

22.00.21 22/06/2022

Executive Engineer
Bruhat Bangalore Mahanagara Palike
Byatarayanapura Division

Technical Sanction
Accorded For Rs. 22,30,392.00
Head of A/C. 2.37.2.5
CER NO. 17 Dt. 14.06.2022

Signature